

FIG. 1B

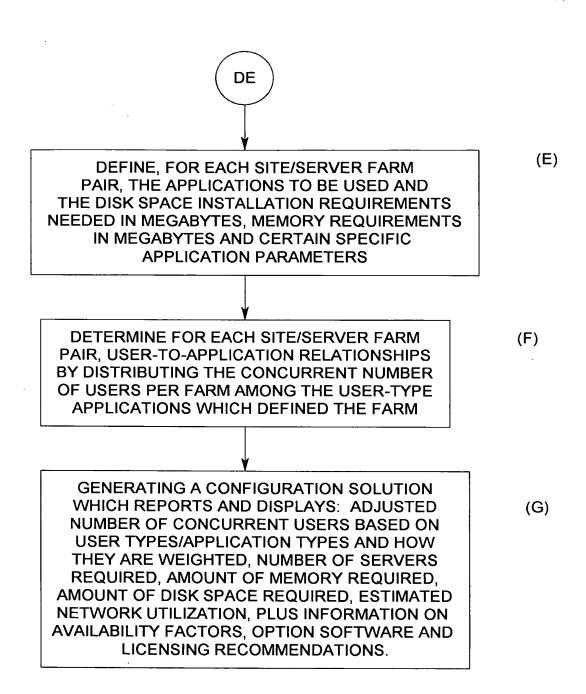
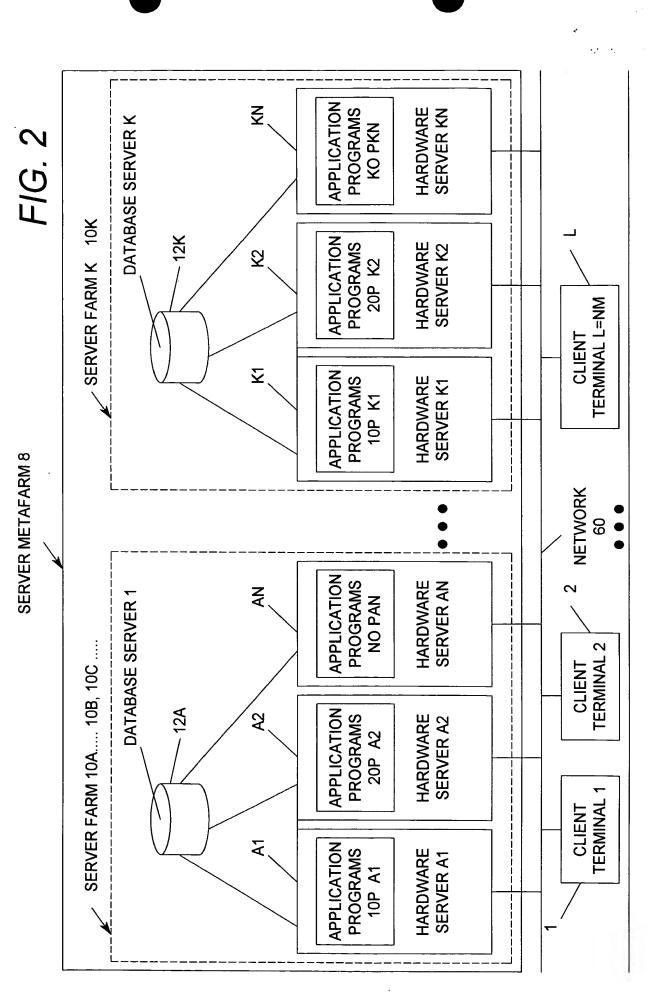


FIG. 1C



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			11/6/2000
		-	CAPS
E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR	EILE <u>V</u> IEW <u>H</u> ELP		READY

FIG. 3

E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR			\ 	×
FILE VIEW HELP				
NEW OPEN CLOSE SAVE SAVE			·	
PRINT SETUP PRINT PREVIEW PRINT				
1 C:\PROGRAM FILES\TCSIZING\PATENTCONFIG11-9.TSC 2 C:\THINCLIENT\PATENT\CUST3K.TSC 3 C:\PROGRAM FILES\MICROSOFT\VISUAL STUDIO\VB98\CONFIG140.TSC 4 C:\THINCLIENT\PATENT\SIMPLESIMONEXAMPLE.TSC				
EXIT				
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FIG. 3A

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		×					AM
		c.				NO A M	11:41AM
			LICENSES	OPTIONAL SOFTWARE	3 DATA	THE CONFIGURATOR GUIDES YOU THROUGH AN INTERVIEW IN WHICH YOU GATHER THE INFORMATION NEEDED TO DEVELOP A SET OF SOLUTIONS THAT MATCH A CUSTOMER'S PERFORMANCE REQUIREMENTS BUT PROVIDE DIFFERENT AVAILABILITY LEVELS. INFORMATION IS COLLECTED ON A CUSTOMER'S SITES, SERVER FARMS, USER TYPES, AND APPLICATION TYPES. THE FOLLOWING DIAGRAM DEPICTS THE RELATIONSHIP BETWEEN THESE COMPONENTS.  + LOS ANGELES SITE  - ADMINISTRATIVE SERVER FARM MS ACCESS MS ACCESS MS PROJECT  - SUPPORT PERSONNEL	11/6/2000
				OPTION	CUSTOMER DATA	THE CONFIGURATOR GUIDES YOU THROUGH AN INTERVIEW IN WHICH YOU GATHER THE INFORMANCE REQUIREMENTS BUT PROVIDE DIFFERENT AVAILABILITY LEVELS. INFORMATION IS COLLECTED CUSTOMER'S SITES, SERVER FARMS, USER TYPES, AND APPLICATION TYPES. THE FOLLOWING DIAGRAM DEPICTS THE RELATIONSHIP BETWEEN THESE COMPONENTS.  + ADMINISTRATIVE SERVER FARM MS WORD MS ACCESS MS PROJECT  - SUPPORT PERSONNEL	CAPS
			<u>\</u>			NEEDED TO DEVELOP A SET OF SOLUTIONS THAT MATCH A CUSTOMER'S REQUIREMENTS BUT PROVIDE DIFFERENT AVAILABILITY LEVELS. INFOR CUSTOMER'S SITES, SERVER FARMS, USER TYPES, AND APPLICATION TY DIAGRAM DEPICTS THE RELATIONSHIP BETWEEN THESE COMPONENTS.  + LOS ANGELES SITE  - ADMINIST  - ADMINIST  - SUPF	
RATOR			DISK CAPACITY	ILITY	M=	TERVIEW   MATCH A ( BILITY LEV S, AND APF THESE CO THESE CO CHICA	
CONFIGU			۵	AVAILABILITY	INTERVIEW	UGH AN IN ONS THAT NT AVAILA SER TYPE BETWEEN	
SOLUTION	HELP					OU THRO F SOLUTIC DIFFERE ARMS, US TONSHIP I	
ELIVERY S	WINDOW		Z			GUIDES Y A SET OF PROVIDE SERVER F IE RELAT	
E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR	VIEW WIN		NETWORK UTILIZATION	UTION	UCTION	THE CONFIGURATOR GUIDES YC NEEDED TO DEVELOP A SET OF REQUIREMENTS BUT PROVIDE CUSTOMER'S SITES, SERVER F, DIAGRAM DEPICTS THE RELATI + LOS ANGELES SITE	
ON APPLIC	EDIT V	G 1	TWORK L	BASE SOLUTION	INTRODUCTION	E CONFIGEDED TO SEQUIREME AGRAM DE LOS	
E-@CTI	FILE	CONFIG 1	쀨				READY

FIG. 4

E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR	GURATOR			×
EILE EDIT VIEW WINDOW HELP				
CONFIG 1			×	
NETWORK UTILIZATION	DISK CAPACITY	LICENSES		
BASE SOLUTION AVAII	AVAILABILITY	OPTIONAL SOFTWARE		
INTRODUCTION	INTERVIEW	CUSTOMER DATA		
SIZING WIZARD				
INTERVIEW CATEGORIES	YOU WILL BE LED THROUC	3H A SERIES OF STEPS TH	HAT	
SITES	WILL ALLOW YOU TO DEFINE A CUSTOMER'S SIZING REQUIREMENTS.	NE A CUSTOMER'S SIZINC	()	
SERVER FARMS USER TYPES	THE INTERVIEW CATEGORIES THAT HAVE BEEN PREVIOUSLY COMPLETED ARE INDICATED	IES THAT HAVE BEEN ARE INDICATED		
APPLICATION TYPES	WITH A CHECK NEXT TO THE CATEGORY NAME	HE CATEGORY NAME.		
USER TO APPLICATION RELATIONSHIPS	IF YOU WISH TO JUMP DIRECTLY TO A SPECIFIC INTERVIEW CATEGORY, CLICK ON THE CATEGORY NAME IN THE ROX TO THE LEET	ECTLY TO A EGORY, CLICK ON THE BOX TO THE I FET		
VIEW <back ne<="" td=""><td>NEXT&gt;</td><td>HELP</td><td></td><td>· .</td></back>	NEXT>	HELP		· .
READY		CAPS 11/6/2000 1	11:41AM	 

FIG. 5

CURRENT CUSTOMER OVERVIEW	<u>ر</u> .	×
+ CHICAGO SITE		
LOS ANGELES SITE		
- MS OFFICE SERVER FARM		
+ DEVELOPERS		
+ SUPPORT PERSONNEL		
PAYROLL SERVER FARM		
+ TELEMARKETING REPS		
OK.		

FIG. 6

SOLI	E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR				×
EILE EDIT VIEW WINDOW	HELP		-		
CONFIG 1			<u>~</u>	×	
NETWORK UTILIZATION	DISK CAPACITY	LICENSES			
BASE SOLUTION	AVAILABILITY	OPTIONAL SOFTWARE	\RE		
INTRODUCTION	INTERVIEW	CUSTOMER DATA			
A SITE IS THE PHYSICAL LOCATION WHERE THE WIRE LOCATED SUCH AS LOS ANGELES OR CHICAGO.	A SITE IS THE PHYSICAL LOCATION WHERE THE WINDOWS TERMINAL SERVER(S) WILL BE LOCATED SUCH AS LOS ANGELES OR CHICAGO.	RVER(S) WILL			
PLEASE FILL IN THE FOLLOWING	NG INFORMATION FOR EACH OF THE CUSTOMER'S SITES.	OMER'S SITES.			
SITE NAME CHICAGO	LOCATION 5550 MAIN STREET	NO OF USERS 500	4		
LOS ANGELES	123 SOUTH BOOKSTONE STREET	1000	<b>•</b>		
VIEW	< <u>B</u> ACK <u>N</u> EXT>	HELP			
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E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR	OLUTION CONFIGURATOR		×
EILE EDIT VIEW WINDOW H	įELP		
CONFIG 1		×	
NETWORK UTILIZATION	DISK CAPACITY LICENSES		<del></del>
BASE SOLUTION	AVAILABILITY OPTIONAL SOFTWARE	\rac{1}{2}	
INTRODUCTION	INTERVIEW CUSTOMER DATA		
SERVER FARMS			
A SERVER FARM CONSISTS OF O FOR UNIFIED ADMINISTRATION, S DEFINITION CONTAINS INFORMA IT MAY REQUIRE. ALSO DEFINED APPLICATIONS THEY WILL BE RU USERS INTO MANAGEABLE-SIZEL	A SERVER FARM CONSISTS OF ONE OR MORE WINDOWS TERMINAL SERVERS CONFIGURED TOGETHER FOR UNIFIED ADMINISTRATION, SECURITY, AND COMMUNICATION SERVICES. A SERVER FARM DEFINITION CONTAINS INFORMATION ON ITS ROLE AND THE OPTIONAL FEATURES/CAPABILITIES THAT IT MAY REQUIRE. ALSO DEFINED FOR EACH SERVER FARM ARE THE TYPES OF USERS AND THE APPLICATIONS THEY WILL BE RUNNING. RECOMMENDATIONS ON SUBDIVIDING A LARGE GROUP OF USERS INTO MANAGEABLE-SIZED SERVER FARMS ARE AVAILABLE AFTER CLICKING ON A SITE BELOW.	GETHER S THAT E P OF BELOW.	
CLICK ON A SITE TO DEFINE ITS SERVER FARMS	SERVER FARMS	FARM	
VIEW	<back next=""> CEACH NEXT&gt; HELP</back>		
READY	CAPS 11/6/2000	11:41AM	اــــــــــــــــــــــــــــــــــــ

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E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR			×
EILE EDIT VIEW WINDOW HELP			
METAFARM SIZING FOR SITE LOS ANGELES			×
THIS PAGE WILL HELP SUBDIVIDE LARGE SITES OR FARMS INTO SMALLER, MANAGEABLE-SIZED FARMS.  THESE RECOMMENDATIONS SHOULD BE USED IN THE INTERVIEW PROCESS TO FURTHER DEFINE A  CUSTOMER'S CONFIGURATION SIZING REQUIREMENTS.	MANAGEABL S TO FURTHE	E-SIZED F. ER DEFINE	ARMS.
JSERS 1000	PICAL USER————————————————————————————————————	ST CASE)	
AVAILABILITY GOAL 99.99	-		
SERVER PREFERENCE ES7000-4X(700 MHZ, W2K)   ○ LIGHT (BE	MEDIUM LIGHT (BEST CASE)		
RECALCULATE OK CANCEL PRINT			
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FIG. 9A

×		
	×     ×	11:41AM
	DLUMN ATION.	11/6/2000
	D FARM N. THE CO	CAPS
E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR  EILE EDIT VIEW WINDOW HELP	METAFARM SIZING FOR SITE LOS ANGELES  FARM SUBDIVISION RECOMMENDATIONS  NUMBER OF FARMS  USERS PER FARM  ESTIMATED AVAILABILITY  ESTIMATED DOWNTIME (HRS/YR)  ESTIMATED DOWNTIME (HRS/YR)  ESTIMATED DOWNTIME (HRS/YR)  ESTIMATED DOWNTIME (HRS/YR)  ESTIMATED AVAILABILITY  ESTIMATED AVAILABILITY  TOTAL PARTITIONS  CLICK OK TO RETURN TO THE INTERVIEW PROCESS WITH THE SELECTED FARM SUBDIVISION RECOMMENDATION MERGED INTO THE INTERVIEW SESSION. THE COLUMN INTIALLY SELECTED REPRESENTS THE CONFIGURATOR'S HIGHEST RECOMMENDATION.	RECALCULATE OK CANCEL PRINT READY

FIG. 9B

E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR			×
FILE EDIT VIEW WINDOW HELP			
SERVER FARM FOR LOS ANGELES			× ~
DESCRIPTION	FEATURES/CAPABILITIES	LITIES	
DESCRIPTION OF THE SERVER FARM			
ENTER OR SELECT SERVER FARM NAME: META-SUBFARM001		<b>•</b>	
RENAME SERVER FARM	DELETE SERVER FARM	E :ARM	
PRIMARY ROLE OF THE SERVER FARM:	<b>•</b>		
CONCURRENT NUMBER OF USERS:  (I.E NUMBER OF USERS ACTIVELY PROCESSING SIMULTANEOUSLY ON THE SERVER FARM)			
OK CANCEL APPLY HELP			
READY	CAPS 1	11/6/2000	11:41AM

FIG. 10A

E-@ACTION APPLICATION DELIVERY SOLUTION CONFIGURATOR			×
EILE EDIT VIEW WINDOW HELP			
SERVER FARM FOR LOS ANGELES			×
DESCRIPTION	FEATURES/CAPABILITIES	ILITIES	
DESCRIPTION OF THE SERVER FARM			
ENTER OR SELECT SERVER FARM NAME: MS OFFICE		•	
NEW			
PRIMARY ROLE OF THE SERVER FARM: APPLICATION SERVER	•		
CONCURRENT NUMBER OF USERS:			
(I.E NUMBER OF USERS ACTIVELY PROCESSING SIMULTANEOUSLY ON THE SERVER FARM)			
OK CANCEL APPLY HELP			
READY	CAPS	11/6/2000	11:41AM

FIG. 10B

E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR			×
EILE EDIT <u>V</u> IEW <u>W</u> INDOW <u>H</u> ELP			
SERVER FARM FOR LOS ANGELES			× ~
DESCRIPTION	FEATURES/CAPABILITIES	BILITIES	
FEATURE/CAPABILITY OPTIONS FOR THE SERVER FARM			
IF ANY OF THE FOLLOWING OPTIONS ARE CHECKED, THE CITRIX METAFRAME ADD-ON WILL BE REQUIRED.	IX METAFRAME ADD-ON	WILL BE RE	QUIRED.
PLEASE CHECK ALL FEATURES/CAPABILITIES THAT ARE NEEDED:	NEEDED:		<b>▲</b>
CLIENT ENHANCEMENTS - TAPI SUPPORT		1.	
CLIENT ENVIRONMENT SUPPORT - DOS			
CLIENT ENVIRONMENT SUPPORT - JAVA			
CLIENT ENVIRONMENT SUPPORT - MACINTOSH			
CLIENT ENVIRONMENT SUPPORT - UNIX		<u> </u>	<b>•</b>
OK CANCEL AF	APPLY HELP		
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FIG. 11

FIG. 12

E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR			×	
EILE EDIT VIEW WINDOW HELP				
MS OFFICE SERVER FARM FOR LOS ANGELES				
ASSIGN USER TYPES	DEFINE USER TYPES	TYPES		
USER TYPE ASSIGNMENT				
AVAILABLE USER TYPES:	MS OFFICE USER TYPES	rypes		
DEVELOPERS  EXECUTIVE ASSISTANTS ORDER ENTRY CLERKS POINT OF SALE CLERKS SECRETARIES TECHNICAL WRITERS TELEMARKETING REPS TESTER TESTER	DEVELOPERS			
OK CANCEL APPLY HELP			<b>,</b>	
READY	CAPS	11/6/2000	11:41AM	

FIG. 13

×					
DEFINE USER TYPES	•	DESCRIBES YOUR USER TYPE:  — LOGON — LOGON MOSTLY DONE AT ONE TIME — LOGONS EXENI Y DISTRIBILITED	THE DAY	PRINTING NONE LIGHT MODERATE HEAVY	
IM FOR LOS ANGELES R TYPES	ENTER OR SELECT USER TYPE NAME: MANAGERS	PLEASE SELECT A TYPING SPEED OPTION THAT BEST DESCRIBES YOUR USER TYPE:  TYPING SPEED OPTIONS  NOT SIGNIFICANT  AVERAGE TYPING SPEED 35 - 40 WPM  AVERAGE TYPING SPEED 35 - 40 WPM	O AVERAGE TYPING SPEED 45 - 50 WPM O GREATER THAN 50 WPM	RUNNING APPLICATIONS  GENERALLY RUNS ONLY ONE LINE-OF-BUSINESS (LOB) APPLICATION  IN AND OUT OF APPLICATIONS QUICKLY  MORE EXTENSIVE ACTIVITY - GENERALLY KEEPS APPLICATIONS  OPENED AFTER USE	OK CANCEL APPLY HELP

FIG. 14

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		×										AM
		<b>с</b> .					111					11:41AM
			LICENSES	OPTIONAL SOFTWARE	CUSTOMER DATA		OUTPUT OPTIONS THAT ARE APPLICATIONS THAT WILL BEIANDLE CLIENT DEMAND.	PLICATION TYPES.	M:		HELP	CAPS 11/6/2000
OLUTION CONFIGURATOR	HELP	PATENTCONFIG11-9.TSC	DISK CAPACITY	AVAILABILITY	INTERVIEW		AN APPLICATION TYPE INCLUDES THE INPUT, PROCESSING, AND OUTPUT OPTIONS THAT ARE TYPICAL TO AN APPLICATION. SUPPLYING INFORMATION ON THE APPLICATIONS THAT WILL BE RUNNING HELPS TO SIZE THE SERVER FARM TO SUFFICIENTLY HANDLE CLIENT DEMAND.	CLICK ON A SITE, THEN CLICK ON A SERVER FARM TO DEFINE ITS APPLICATION TYPES.	SELECT A SERVER FARM:	MS OFFICE PAYROLL	< <u>B</u> ACK <u>N</u> EXT>	
E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR	FILE EDIT VIEW WINDOW HE	C:\PROGRAM FILES\TCSIZING\PATENTCONFIG11-9.TSC	NETWORK UTILIZATION	BASE SOLUTION	INTRODUCTION	APPLICATION TYPES	AN APPLICATION TYPE INCLUTYPICAL TO AN APPLICATION RUNNING HELPS TO SIZE TH	CLICK ON A SITE, THEN CLICK ON	SELECT A SITE:	CHICAGO LOS ANGELES	VIEW	READY

FIG. 15

E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR	X
<u>F</u> ILE <u>E</u> DIT <u>V</u> IEW <u>W</u> INDOW <u>H</u> ELP	
MS OFFICE SERVER FARM FOR LOS ANGELES	×
ASSIGN APPLICATION TYPES	DEFINE APPLICATION TYPES
APPLICATION ASSIGNMENT	
AVAILABLE APPLICATIONS:	MS OFFICE APPLICATIONS
ATTACHMATE TERMINAL EMULATORS IOCOOKER LDAIII MICROSOFT INTERNET EXPLORER 4.0 MICROSOFT INTERNET EXPLORER 5.0 MICROSOFT OFFICE 2000 (ALL APPLICATIONS)  OK  CANCEL  ADD >>  AD	MS ACCESS 97 MICROSOFT INTERNET EXPLORER 5.0
READY	CAPS 11/6/2000 11:41AM

F/G. 16

×	×	DEFINE APPLICATION TYPES		•			SNOIL OPTIONS	MS-DOS APPLICATION DETAILS>>	•	CAPS 11/6/2000 11:41AM	FIG. 17A
E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR	MS OFFICE SERVER FARM FO	ASSIGN APPLICATION TYPES DE	APPLICATION DEFINITION ————————————————————————————————————	ENTER OR SELECT APPLICATION NAME: MS ACCESS 97	DISK SPACE REQUIRED FOR INSTALLATION: 40 MB	MEMORY REQUIRED BY APPLICATION: 8 MB	PLEASE SELECT ONE OF THE FOLLOWING ENVIRONMENT OPTIONS	32-BIT APPLICATION () 16-BIT APPLICATION () MS-I	OK CANCEL APPLY HELP	READY	

						**	in the state of th
× -	×	ON TYPES		- APPLICATION OUTPUT  MOSTLY TEXT-BASED  GRAPHIC-BASED  ANIMATED GRAPHIC-BASED		11/6/2000 11:41AM	FIG. 17B
		DEFINE APPLICATION TYPES	VING CATEGORIES			CAPS	
E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR <u>EILE</u> <u>EDIT</u> <u>VIEW</u> <u>WINDOW</u> <u>HELP</u>	R LOS ANGELES	TYPES	PLEASE SELECT AN OPTION FROM EACH OF THE FOLLOWING CATEGORIES THAT BEST REFLECT THE APPLICATION'S USAGE.	<ul> <li>APPLICATION PROCESSING</li> <li>LIGHT BACKGROUND PROCESSING</li> <li>HEAVY BACKGROUND PROCESSING</li> </ul>	APPLY HELP		
N APPLICATION DELIVERY S EDIT VIEW WINDOW	MS OFFICE SERVER FARM FOR LOS ANGELES	ASSIGN APPLICATION TYPES	SE SELECT AN OPTION FF	APPLICATION INPUT  GUI-BASED  MOSTLY TEXT-BASED	OK		
E-@CTION	MS		PLEA	AP O O		READY	

×									_		<u>.                                    </u>	
		× ~										11:41AM
			LICENSES	OPTIONAL SOFTWARE	R DATA		THE NUMBER OF CONCURRENT USERS RUNNING AN APPLICATION AND THE TOTAL AMOUNT OF DISK SPACE REQUIRED FOR THE USERS OF AN APPLICATION MUST BE ALSO BE COLLECTED.					11/6/2000
				OPTION	<b>CUSTOMER DATA</b>		UD THE TOTA T BE ALSO E	FORMATION			HELP	CAPS
			ΣΕΙ:				LICATION AN	FINE ITHIS IN	RVER FARM:			
GURATOR		311-9.TSC	DISK CAPACITY	AVAILABILITY	INTERVIEW		THE NUMBER OF CONCURRENT USERS RUNNING AN APPLICATION AND THE TOTAL AMOUNT OF DISK SPACE REQUIRED FOR THE USERS OF AN APPLICATION MUST BE ALSO BE COLLEC <sup>T</sup>	ON A SERVER FARM TO DEFINE ITHIS INFORMATION.	SELECT A SERVER FARM:		É	
TION CONFI	0	TENTCONFIG		AVAIL	INTER	SHIPS —	USERS RUNI THE USERS	I A SERVER F	o,	LJ	< <u>B</u> ACK <u>N</u> EXT>	
IVERY SOLU	OW HELP	CSIZING\PAT				WELATIONS	NCURRENT UIRED FOR	EN CLICK ON				
E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR	EDIT VIEW WINDOW	C:\PROGRAM FILES\TCSIZING\PATENTCONFIG11-9.TSC	JTILIZATION	UTION	UCTION	USER TO APPLICATION RELATIONSHIPS	IBER OF COI SPACE REQI	CLICK ON A SITE, THEN CLICK	SELECT A SITE:	CHICAGO LOS ANGELES	VIEW	
TION APPLIC		C:\PROGF	NETWORK UTILIZATION	BASE SOLUTION	INTRODUCTION	USER TO A	THE NUN OF DISK	CLICK ON	SELEC"	CHICAGO LOS ANGI		DY
E-@C	FILE											READY

FIG. 18

·											- t	yar *
X D		× ×	-		5				_		11:41AM	FIG. 19
			DISK SPACE		PLEASE DISTRIBUTE THE 750 CONCURRENT USERS ASSIGNED TO THE MS OFFICE SERVER FARM AMONG THE FOLLOWING APPLICATIONS AS A REPRESENTATION OF THE ACTIVE PROCESSING OCCURRING DURING AN OVERTIME PERIOD.	SUPPORT PERSONNEL	300	300			CAPS 11/6/2000	FIG
LUTION CONFIGURATOR	<u>H</u> ELP	LOS ANGELES	S		ONCURRENT USERS ASSIGNED ON CATIONS AS A REPRESENTATIONE PERIOD.	DEVELOPERS	75	75		APPLY HELP		
E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR	EDIT VIEW WINDOW	MS OFFICE SERVER FARM FOR LOS	CONCURRENT USERS	CONCURRENT USER ASSIGNMENT	PLEASE DISTRIBUTE THE 750 CONCURRENT USERS ASSIGNED TO THE MS OFFICE SERVER FAF AMONG THE FOLLOWING APPLICATIONS AS A REPRESENTATION OF THE ACTIVE PROCESSING OCCURRING DURING AN OVERTIME PERIOD.		MS ACCESS 97	MICROSOFT INTERNET EXPLORER 5.0		OK	ΛΟ̈́	
E-@C	FILE										READY	

×		× ~							•		11:41AM	FIG. 20
			DISK SPACE		ER THE TOTAL AMOUNT OF DISK SPACE REQUIRED OF THE FOLLOWING APPLICATIONS.	SUPPORT PERSONNEL	500	900			CAPS 11/6/2000	FIG
OLUTION CONFIGURATOR	HELP	R LOS ANGELES	RS		LEASE ENTER THE TOTAL AMOU VING EACH OF THE FOLLOWING	DEVELOPERS	125	125		APPLY		
LICATION DELIVERY	EDIT VIEW WINDOW H	MS OFFICE SERVER FARM FOR LOS ANGELES	CONCURRENT USERS	DISK SPACE ASSIGNMENT	UNDER EACH USER TYPE, PLEASE ENTI IN MB FOR ALL USERS RUNNING EACH (		MS ACCESS 97	MICROSOFT INTERNET EXPLORER 5.0		OK		
E-@CTIO		Ě									READY	

E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR	OLUTION CONFIGURATOR			
FILE EDIT VIEW WINDOW	HELP			
C:\PROGRAM FILES\TCSIZING\PAT	TENTCONFIG11-9.TSC		× ×	
NETWORK UTILIZATION	DISK CAPACITY	LICENSES		
BASE SOLUTION	AVAILABILITY	OPTIONAL SOFTWARE		
INTRODUCTION	INTERVIEW CUST	CUSTOMER DATA		
SIZING WIZARD				
INTERVIEW CATEGORIES				
SITES	CONGRATULATIONS! YOU HAVE JUST COMPLETED THE INTERVIEW PROCESS.	AVE JUST PROCESS.		
SERVER FARMS	ONCE YOU HAVE CLICKED FINISH, THE REMAINING TABS WILL THEN BE POPULATED	NISH, THE BE POPULATED		
<b>✓</b> USER TYPES	WITH THE INFORMATION COLLECTED DURING THE INTERVIEW PROCESS AFTER IT HAS BEEN COMPILED WITH THE CLIRRENT PERFORMANCE	LECTED DURING TER IT HAS BEEN NT PERFORMANCE		
APPLICATION TYPES	BENCHMARKING RESULTS.			
	VIEW <back next=""></back>	HELP	$\Box$	
READY	CA	CAPS 11/6/2000 11	11:41AM	` ]

F/G. 21

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E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR	CONFIGURATOR				×
EILE EDIT VIEW WINDOW HELP					
C:\PROGRAM FILES\TCSIZING\PATENTCON	ENTCONFIG11-9.TSC		C	×	
NETWORK UTILIZATION	DISK CAPACITY	LICENSES			
BASE SOLUTION	AVAILABILITY	OPTIONAL SOFTWARE	\RE		
INTRODUCTION	INTERVIEW	CUSTOMER DATA			
THIS CUSTOMER HAS 2 SITES WITH THE FOLLOWING REQUIREMENTS:	E FOLLOWING REQUIREMENTS:	PRINT		-	
123 SOUTH BOOKSTONE STREET	**************************************	***	4		
LOS ANGELES TOTAL USERS: 1000					
THE FOLLOWING DESCRIBES THE 2 SERVER FARM(S) LOCATED AT LOS ANGELES:	SERVER FARM(S) LOCATED AT LC	S ANGELES:			
<1> MS OFFICE					
PRIMARY ROLE: APPLICATION SERVER	ERVER				
CONCURRENT USERS CONFIGURED ON SERVER FARM: 750	RED ON SERVER FARM: 750			1	
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FIG. 22

E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR	OLUTION CONFIGURATOR				×
EDIT VIEW WINDOW !	HELP				
C:\PROGRAM FILES\TCSIZING\PATENTCONFIG11-9.TSC	TENTCONFIG11-9.TSC			× ×	
NETWORK UTILIZATION	DISK CAPACITY		LICENSES		
BASE SOLUTION	AVAILABILITY	OPTIONA	OPTIONAL SOFTWARE		_
INTRODUCTION	INTERVIEW	CUSTOMER DATA	DATA		
EOLLOWING IS THE MINIMUM	THE FOLLOWING IS THE MINIMUM SERVER CONFIGURATION RECOMMENDATIONS:	ENDATIONS:	PRINT		
SERVER FARM <1> MS OI [BASED ON 0 LIGHT, 3751	**************************************	******	4		
8 -> ES2043 PENTIUN TSE WITH 4 F	8 -> ES2043 PENTIUM III XEON 500 MHZ USING WINDOWS NT 4.0 TSE WITH 4 PROCESSORS AND 2 GB RAM	NT 4.0			
8 -> ES2043 PENTIUN TSE WITH 4 F	OR 8 -> ES2043 PENTIUM III XEON 550 MHZ USING WINDOWS NT 4.0 TSE WITH 4 PROCESSORS AND 2 GB RAM	NT 4.0			
8-> ES2044 PENTIUM TSE WITH 4 PI	044 PENTIUM III XEON 550 MHZ USING WINDOWS NT 4.0 TSE WITH 4 PROCESSORS AND 2 GB RAM	NT 4.0	<b>•</b>		
READY		CAPS	11/6/2000 11:	11:41AM	

FIG. 23

E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR	GURATOR						×
EILE EDIT VIEW WINDOW HELP							
C:\PROGRAM FILES\TCSIZING\PATENTCONFIG11-9.TSC	9.TSC				· ·	×	
NETWORK UTILIZATION	DISK CAPACITY	<u> </u>		LICE	LICENSES		
BASE SOLUTION AVAIL	AVAILABILITY		P.	OPTIONAL SOFTWARE	FTWARE		
INTRODUCTION	INTERVIEW		CUS	CUSTOMER DATA	Y.		
AVAILABILITY CALCULATOR							
SITE: LOS ANGELES   SITE: SITE	SERVER FARM:	) SW	MS OFFICE		<b>&gt;</b>	<del></del>	_
SERVER: ES2044 (550 MHZ) PENTIUM III XEON WITH R PROCESSORS AND WINDOWS NT	N WITH R PRO	CESSOR	S AND W	/INDOWS N	<b>)</b>		
SCENARIO	-	2	က	4	ECTIMATE		
ADJUSTED CONCURRENT NUMBER OF USERS	929	979	979	626			
SYSTEM REPAIR TIME (HOURS)	ၯ	9	9	9	PRINT		
REDUNDANCY FACTOR (%)	25	20	15	10			
ESTIMATED NUMBER OF SERVERS	10	6	6	ω	RESET		
ESTIMATED PEAK NUMBER OF USERS	880	792	792	704			
READY			0	CAPS 11/6	11/6/2000 11:4	11:41AM	٠.,

FIG. 24A

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	-		   <u>≻</u>				MS C	ESSORS	2		3,616	99.8341	14.53	
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E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR		ENTCONFIG11-9.TSC	DISE	AVAILABILITY	INTERVIEW		SERVEF	ES2044 (550 MHZ) PENTIUM III XEON WITH R PROCESSORS AND WINDOWS NT		VERS				
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LICATIO	<u>V</u> IEW	C:\PROGRAM FILES\TCSIZING\PAT	NETWORK UTILIZATION	BASE SOLUTION	INTRODUCTION	AVAILABILITY CALCULATOR	LOS ANGELES		CO	<b>ESTIMATED NUMBER OF REDUN</b>	ESTIMATED SERVER FARM MTT	ESTIMATED AVAILABILITY (%)	ESTIMATED DOWNTIME (HOURS/YEAR)	
ION APP	EDIT	PROGR/	IETWOR!	BASE S	INTRO	AV	SITE	SERVER:		ESTIMAT	ESTIMA	ESTIMAT	ESTIMATI	<u> </u>
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FIG. 24B

E-@CTION APPLICATION DELIVERY SO	ON DELIVERY SOLUTIO	LUTION CONFIGURATOR			1		×
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NETWORK UTILIZATION	ZATION	DISK CAPACITY		LICENSES			
BASE SOLUTION	NO	AVAILABILITY	OPTION	OPTIONAL SOFTWARE	ĮĮ.		
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FIG. 25

E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR	SOLUTION CONFIGURATOR				×
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NETWORK UTILIZATION	DISK CAPACITY	LICENSES			
BASE SOLUTION	AVAILABILITY OPTIO	OPTIONAL SOFTWARE			
INTRODUCTION	INTERVIEW CUSTOMER DATA	ER DATA			
THE FOLLOWING IS A	THE FOLLOWING IS A SUMMARY OF THE NETWORK UTILIZATION:	PRINT	<u></u>		
****	**************************************		4		
SERVER FARM <1> WHATEVER ES2043 (500 MHZ) USING W	VER FARM <1> WHATEVER ES2043 (500 MHZ) USING WINDOWS NT 4.0 TSE NETWORK UTILIZATION:				
ADJUSTED CONCURRENT	ADJUSTED CONCURRENT NUMBER OF USERS: 335				
ESTIMATED NETWORK ACTIVITY: 7,500 KBPS	TIVITY: 7,500 KBPS				
ES2043 (550MHZ) USING W	ES2043 (550MHZ) USING WINDOWS NT 4.0 TSE NETWORK UTILIZATION:				
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		LICENSES	OPTIONAL SOFTWARE	DATA	PRINT							11/6/2000
			OPTIONA	CUSTOMER DATA	NTS:							CAPS
E-@CTION APPLICATION DELIVERY SOLUTION CONFIGURATOR  EILE EDIT <u>V</u> IEW <u>W</u> INDOW <u>H</u> ELP	C:\PROGRAM FILES\TCSIZING\PATENTCONFIG11-9.TSC	NETWORK UTILIZATION DISK CAPACITY	BASE SOLUTION AVAILABILITY	INTRODUCTION INTERVIEW C	THE FOLLOWING IS A SUMMARY OF THE DISK CAPACITY REQUIREMENTS:	**************************************	MS ACCESS 97:	INSTALLATION: 40 MB USERS: 625 MB	MICROSOFT INTERNET EXPLORER 5.0:	INSTALLATION: 70 MB USERS: 625 MB	MS OFFICE DISK CAPACITY GRAND TOTAL: 1.36 GB	READY

FIG. 27

FIG. 28